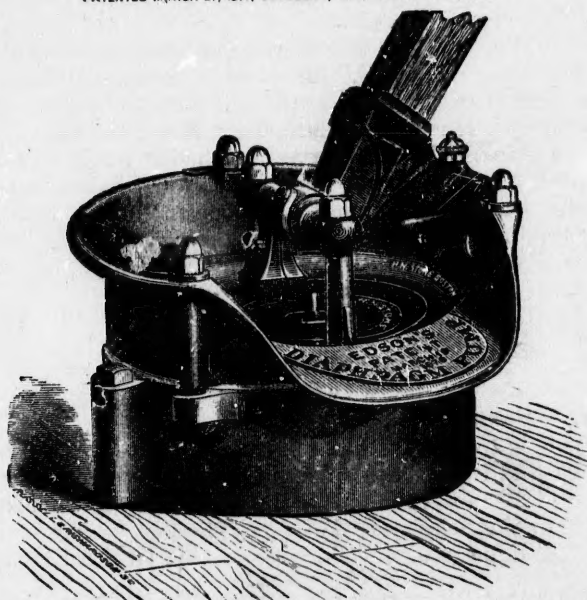


Sept 17/87

THE
Improved Diaphragm Ship Pump,
—AND—
EDSON'S
DIAPHRAGM FREE PUMP,

MANUFACTURED UNDER LICENSE FROM JACOB EDSON AND EXECUTOR ESTATE S. B. LOUD.

PATENTED MARCH 27, 1877, OCTOBER 1, 1878, NOVEMBER 15, 1881.



THIS PUMP is designed for **VESSELS, RAILROAD TANKS, MINES, TANNERIES, WELLS,** and in all places where a good low-priced, large, easy-working and durable pump is required. It is compact, strong, simple and effective. It has simple valves, without the usual working box in a cylinder. There is but little wear, tear or friction. The operating diaphragm is of the best rubber. In action it is held up by alternating fixed and moving supports. It is double-acting in its delivery, which gives a steady stream. In short, it is the cheapest and best free pump ever conceived for the service designed. Use has demonstrated the truthfulness of the above statements. For verification we refer to any or all parties having them in use.

PRICE, - \$30.00 EACH.

Sole Manufacturers for the Dominion of Canada with latest improvements,

T. McAVITY & SONS,
SAINT JOHN, NEW BRUNSWICK. [OVER].

TESTIMONIALS.

St. JOHN, N. B., May 27th, 1881.

MESSRS T. McAVITY & SONS.

Gents—In reference to the "Edson Diaphragm Free Pump," sold us for the Schooner "W. H. Mailler," we find it a suitable and very satisfactory pump in every respect, lifting with great ease a steady stream of water through a three inch pipe. The mechanism is very simple and not liable to be injured easily. We have not had any repairs done to our pump since we purchased it last summer. We can recommend it to any one requiring a pump to lift a large and steady stream with ease. Yours truly,

(Signed) S. T KING & SONS.

Schooner "Maud C."

St. JOHN, N. B., May 19th, 1881.

MESSRS T. McAVITY & SONS.

Dear Sirs,—We have had one of your patent Diaphragm Pumps on board the Schooner "Maud C." for about a year, and can speak from experience of its great practical utility. On the passage from Cardenas last winter, laden with Melado, the "Maud C." sprung a leak during a severe gale off Cape Hatteras, and had it not been for the great service rendered by this pump the vessel must have foundered with all on board. During the time it has been in the vessel it has not required any repairs; and, on account of the ease with which it works and the quantity of water it draws, is, in our opinion, one of the most valuable pumps in use. Yours respectfully,

(Signed) F. TUFTS & CO.

Schooner "Alice,"

St. JOHN, N. B., May 20th, 1881.

T. McAVITY & SONS.

Gents,—This is to certify that I have used the Diaphragm Pump in my vessel. I find it to be a splendid working pump, it works easy and makes no labor for men. It is the proper pump for leaky vessels. I have had it in the Schooner "Alice S." the last twelve months.

Yours truly. (Signed) MYLES KERRIGAN.

New Brunswick and Canada Railway Company.

St. STEPHEN, N. B., May 30th, 1881.

MESSRS. T. McAVITY & SONS.

Dear Sirs,—We have been using your Edson Diaphragm Pump for the last seven months and can testify to its superior qualities in saving labor. With it one man can do the work of two with any other pump we have on our line. We cheerfully recommend it to the public.

Yours truly, (Signed) JNO. STEWART, *Supt.*

Schooner "Druid."

St. JOHN, N. B., March 1st, 1882.

MESSRS. T. McAVITY & SONS.

I have been using your Diaphragm Pump for the last twelve months. I found it to be a very suitable and very satisfactory pump in every respect. It is the best in use at present. I recommend it to every one owning vessels.

Yours truly, (Sgd') CAPT. KERRIGAN, *Capt. of Schr. "Druid."*

TESTIMONIALS.

From the Chief Engineer of the East Boston Ferries.

BOSTON, NOV. 29th, 1880.

MESSRS. T. McAVITY & SONS, St. John, N. B.

Gents,—I have this day tested Edson's Improved Diaphragm Pump, manufactured by you. It drafted 31 feet 6 inches measuring from the deck to the water, the pipe extending 3 inches below the surface. It worked well and is a great improvement.

The pump having no packing friction will lift more water with the same power than any pump I have ever seen, but I would not recommend this or any other pump ever made or that ever will be made to draft more than 28 feet if it can be avoided. (Sgd) CLARK W. DOTEN,

Chief Engineer of the Boston Ferries.

R. C. Elkin.

T. McAVITY & SONS.

ST. JOHN, N. B., May 17th, 1881.

Gents,—This is to certify that I have used the Diaphragm Pump in several of my Schooners, and find it to be a splendid working pump; the best I ever used for vessels of this class. They work easy and throw a large stream of water. One man can do more in half an hour pumping with this pump than ten men could do in one hour with the ordinary pump. I would recommend it to any person wanting a pump for a vessel not over 15 to 20 feet hold.

Yours truly, (Sgd) R. C. ELKIN.

St. John County Alms House.

SIMONDS, ST. JOHN, N. B., June 6th, 1881.

T. McAVITY & SONS.

Dear Sirs,—The Edson Diaphragm Pump got from your establishment gives great satisfaction. It lifts a large and continuous stream of water out of a spring 21 feet deep. One man can pump with it with great ease. Yours respectfully. (Sgd) WM. CUNNINGHAM,

Supt. St. John County Alms House.

PER E. C. WOODS.

Schooner "Dexter Clark."

IPSWICH, MASS., May 12th, 1882.

MESSRS. T. McAVITY & SONS, St. John, N. B.

Dear Sirs,—Regarding the Edson Diaphragm Pump purchased from you for my vessel, I can recommend it to the public as a very satisfactory pump for the purpose for which it is designed. It has worked splendidly ever since I left St. John, lifting with great ease a steady stream of water a distance of 8 feet through a 3 inch pipe.

Yours truly, (Sgd) J. B. THEALL.

Schooner "E. Chambers."

ST. JOHN, N. B., June 22nd, 1882.

MESSRS. T. McAVITY & SONS.

Dear Sirs,—This is to certify that the Edson Diaphragm Free Pump which I purchased from you for the Schooner "E. Chambers," has given thorough satisfaction in every respect. It works easy and throws a larger stream of water than two ordinary wooden pumps. I can cheerfully recommend it to those in want of a good pump.

Yours truly, (Sgd) D. J. SEELY, PER J. D. SEELY.

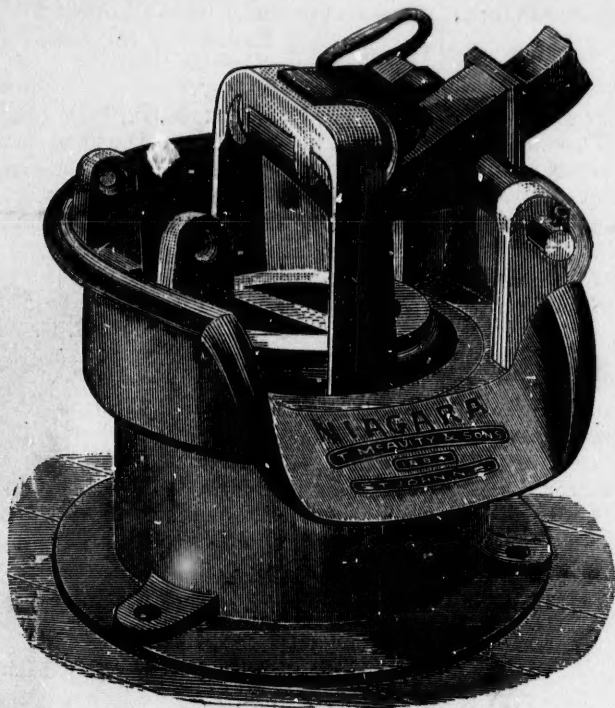
NIAGARA.

Perfection of Low Priced Pumps

—FOR—

Contractors, Mines, Quarries, Barges, Vessels,

AND FOR ALL PURPOSES WHERE LARGE QUANTITIES OF WATER HAVE TO BE RAISED.



The Cylinder is lined with heavy Copper.

The Valves are faced with pure Gum Rubber, and are so arranged that they can be readily withdrawn for the purpose of sounding, or for repairs.

The Lever is so arranged that it can be used horizontally or vertically.

Capacity per stroke one and a half Gallons.

Suction fitted for three inch gas pipe.

PRICE, - - - \$25.00.

T. McAVITY & SONS, SAINT JOHN, N. B.

13 King and 69, 71, 73 Water Streets.